

FIG. 1

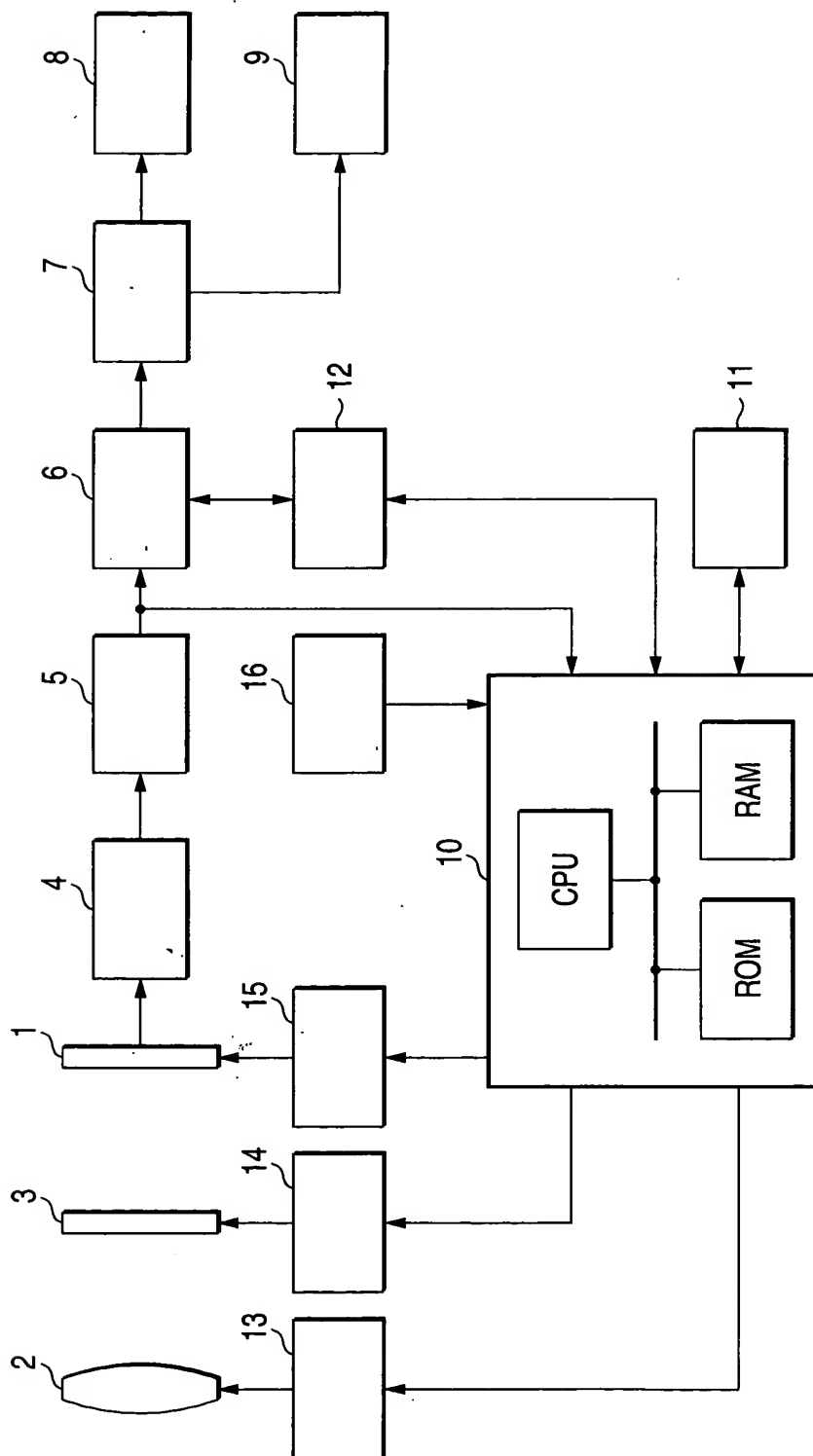


FIG. 2

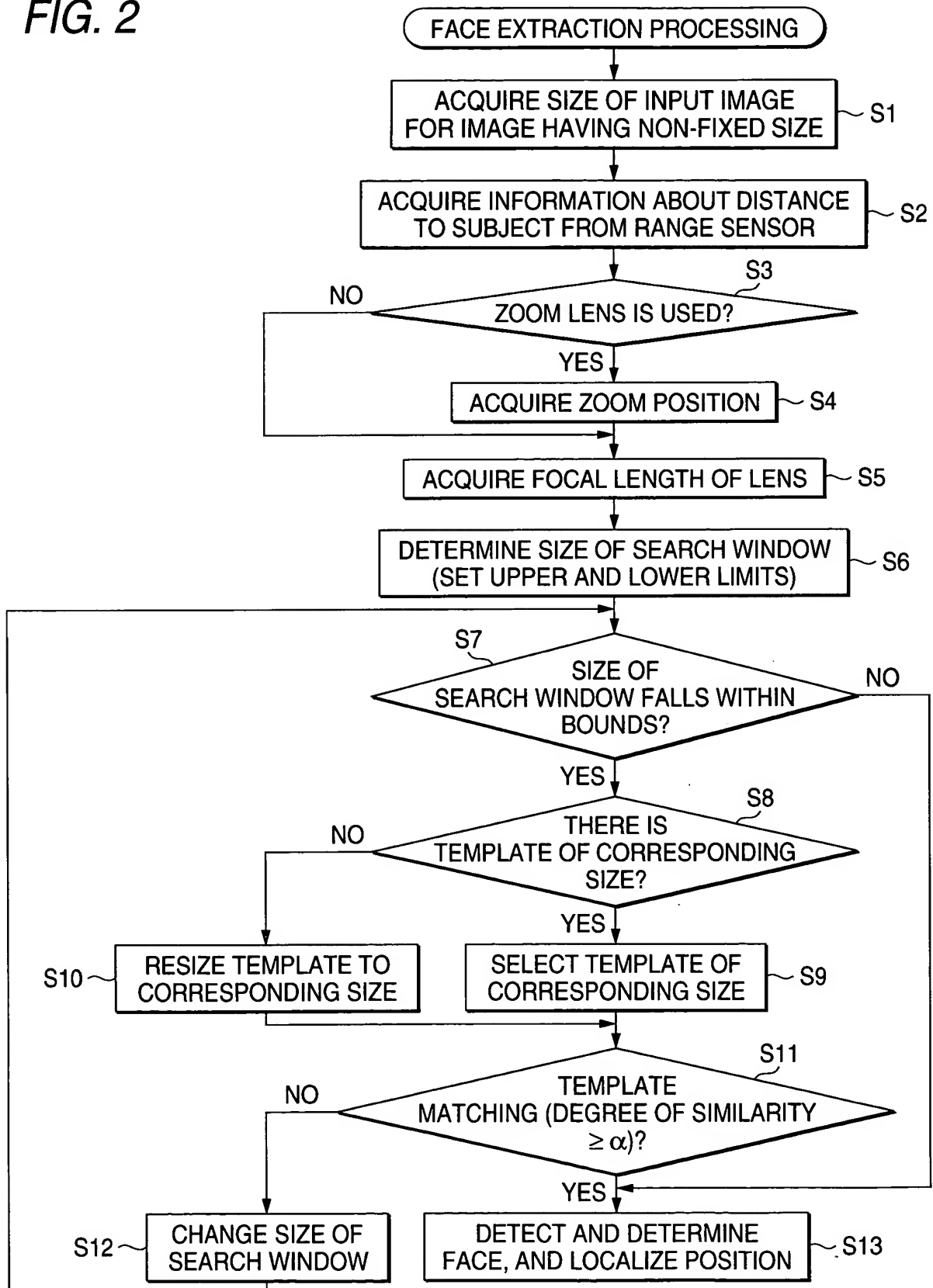


FIG. 3

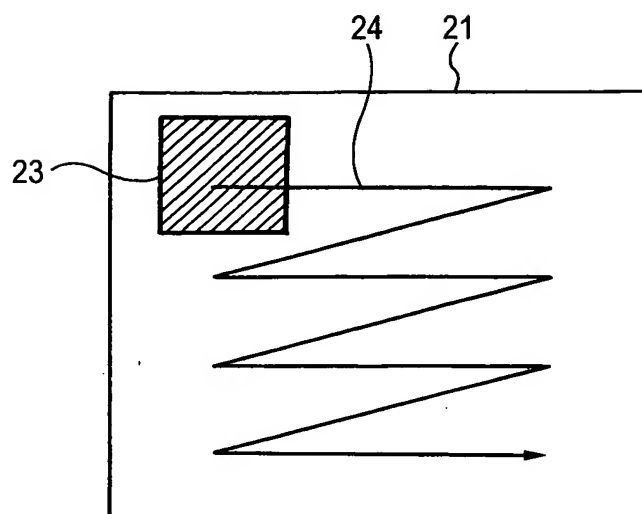


FIG. 4

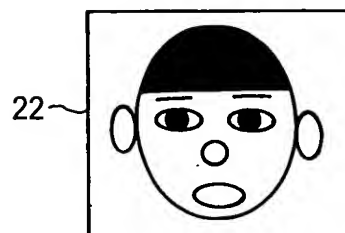


FIG. 5

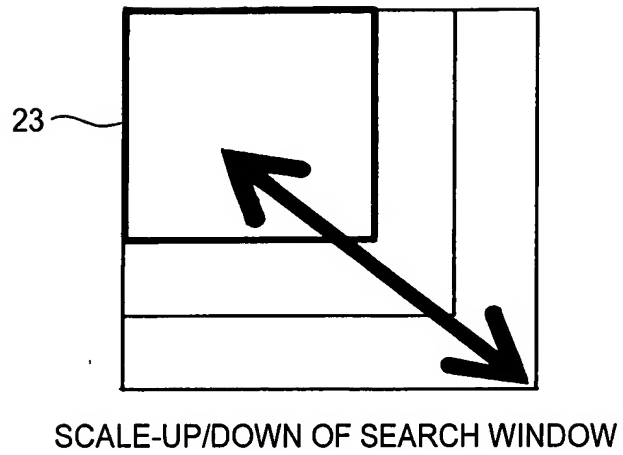


FIG. 6

TEMPLATE

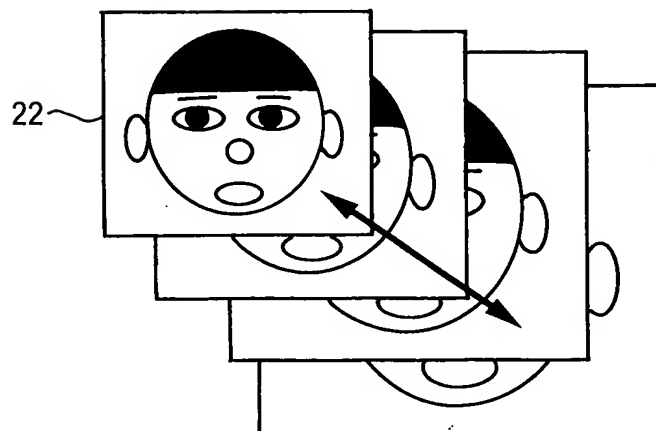
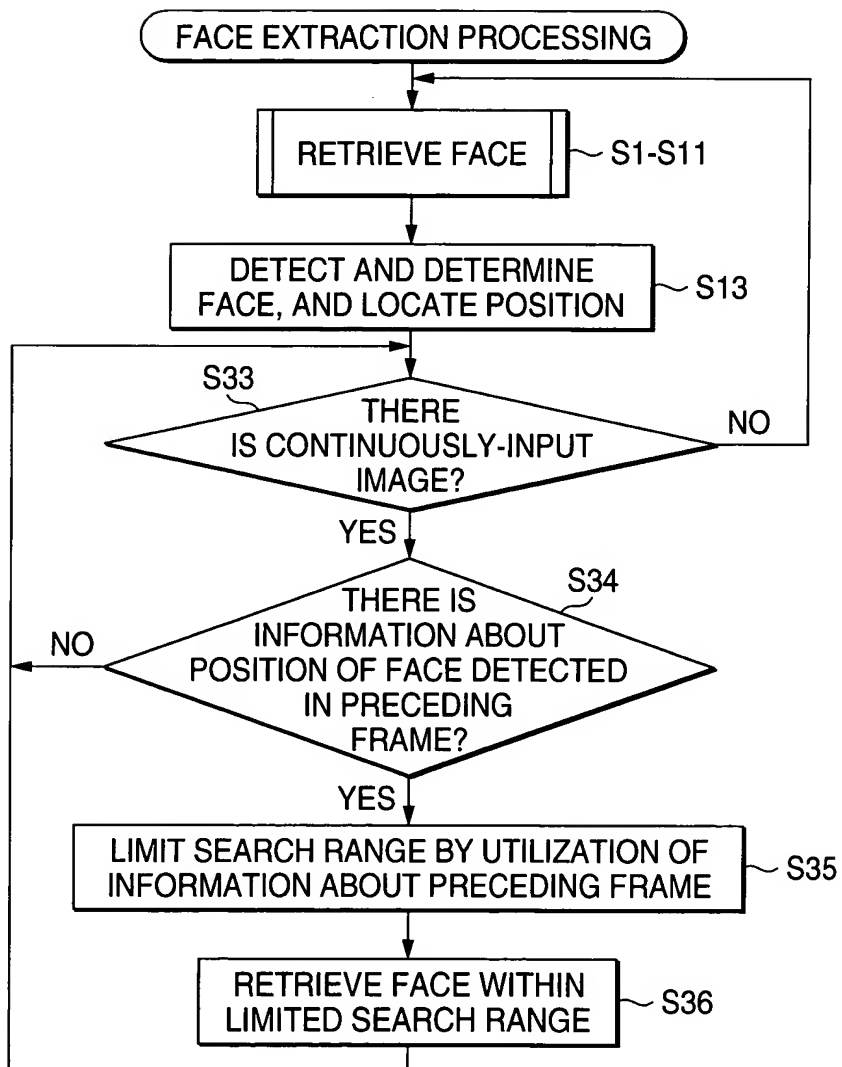


FIG. 7



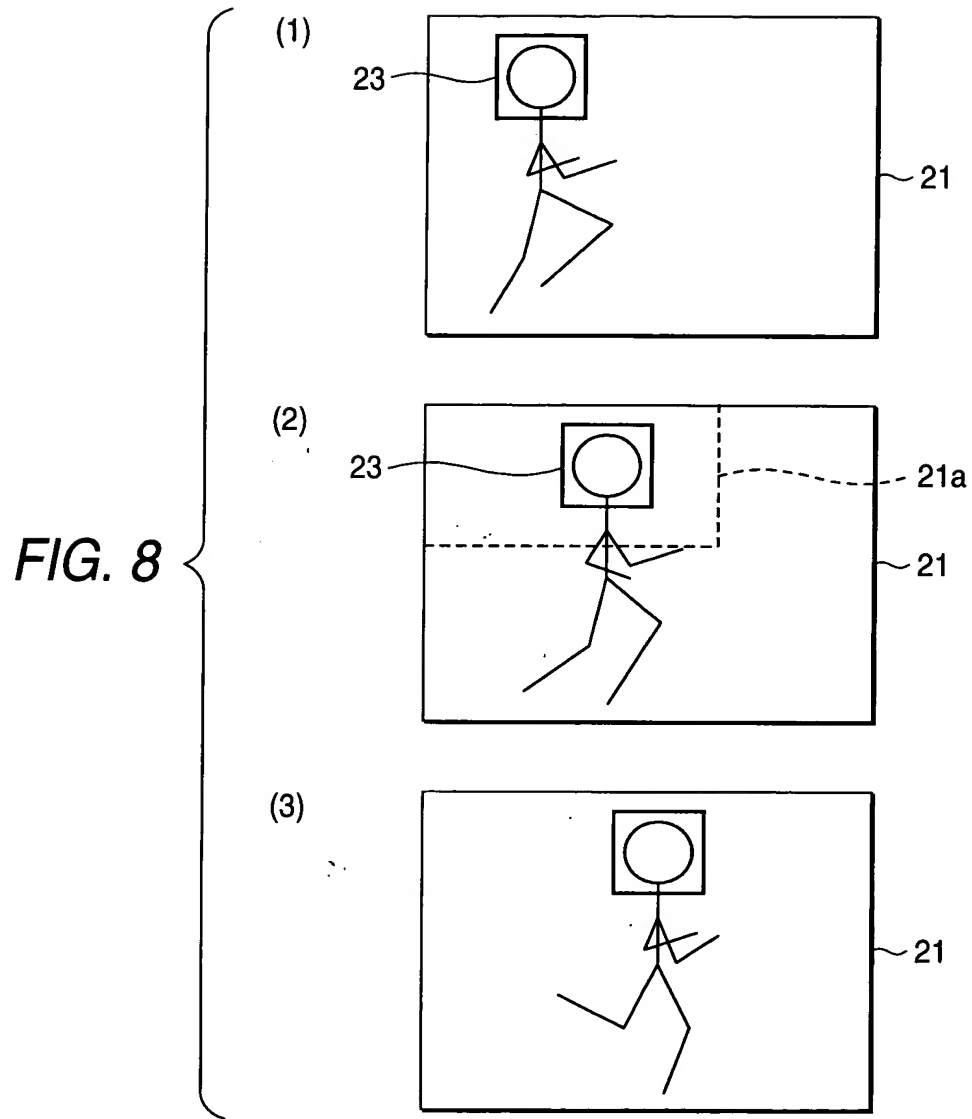


FIG. 9

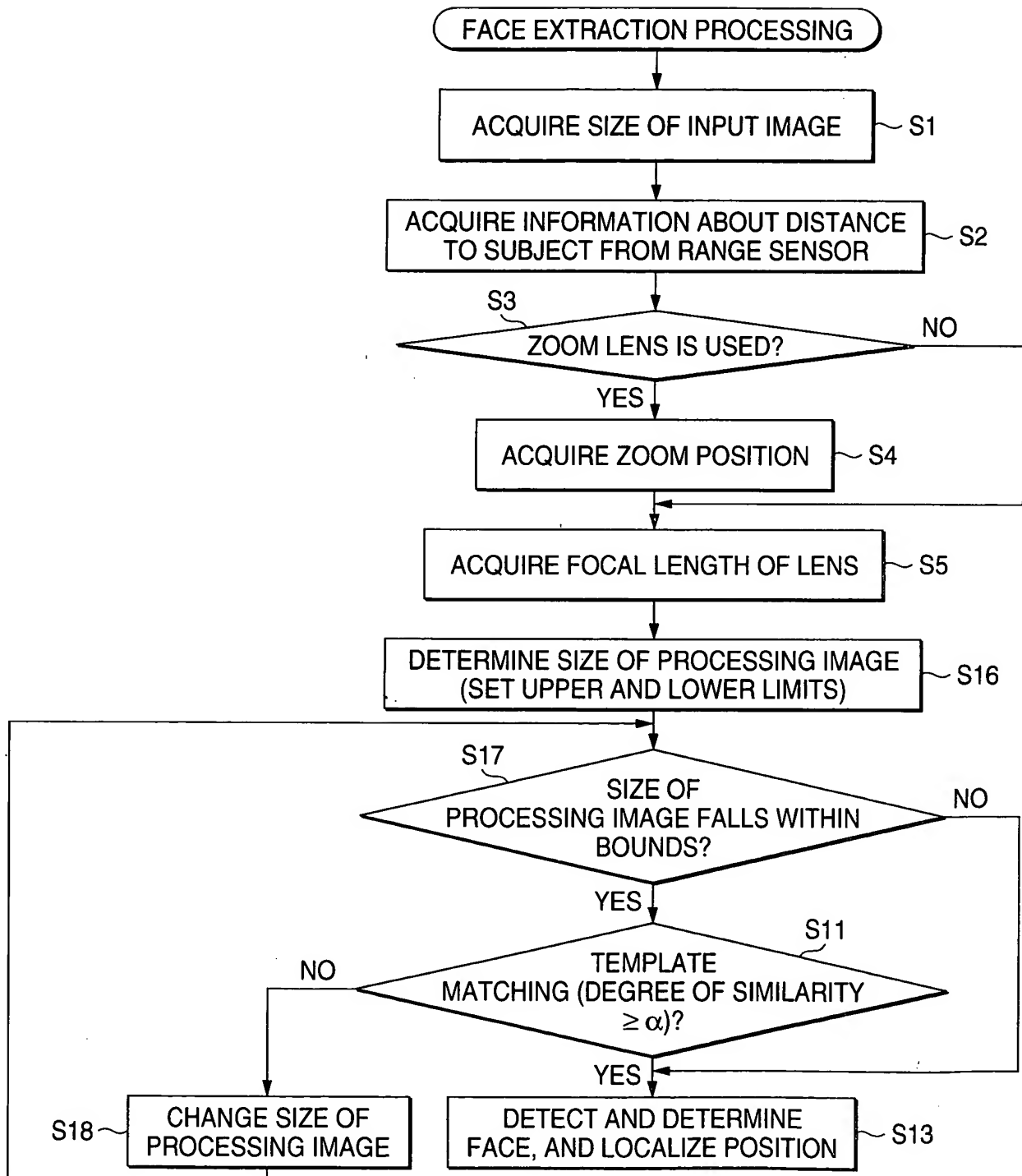


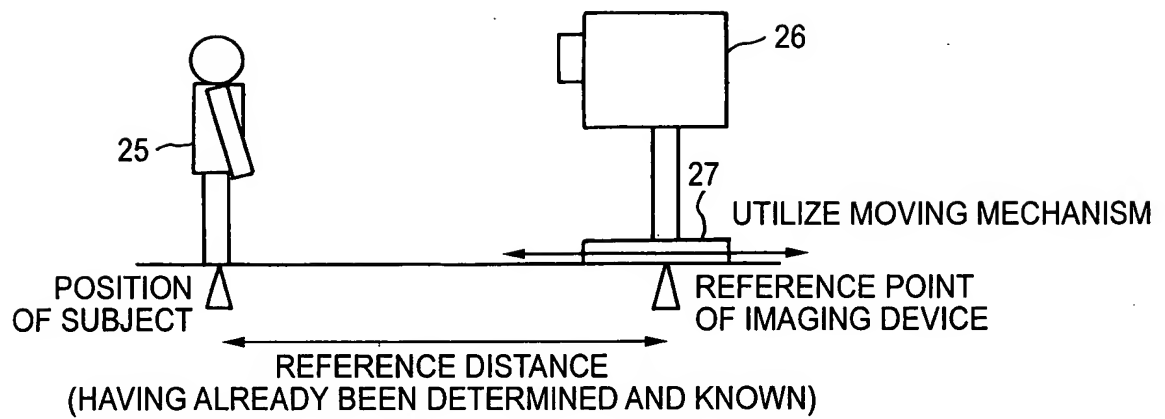
FIG. 10

FIG. 11

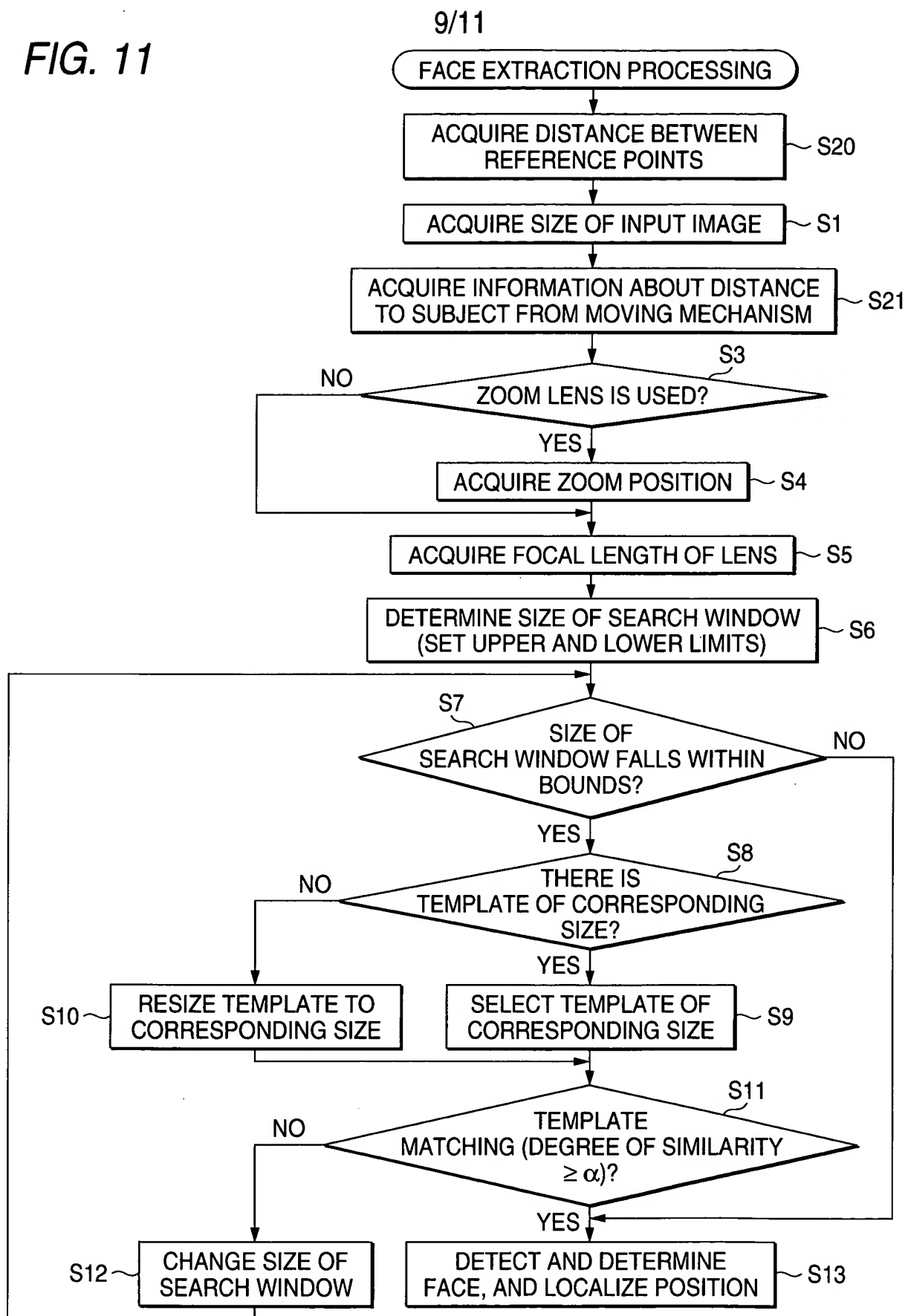


FIG. 12

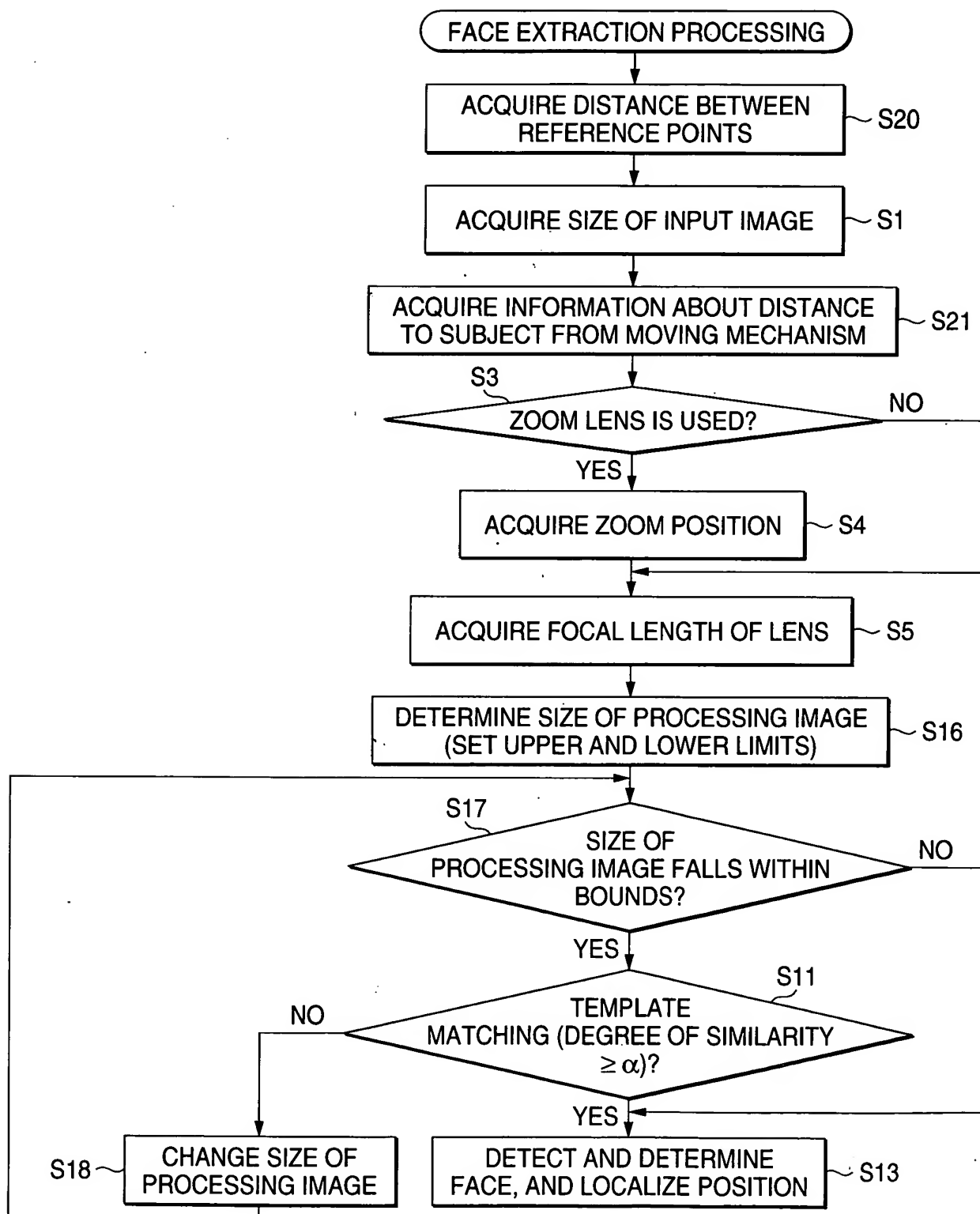


FIG. 13

| | AMOUNT OF CHARACTERISTIC | VALUES | SCORES |
|---|---|--------|--------|
| 1 | PIXEL VALUES OF POSITIONS (x1, y0) WITHIN SEARCH WINDOW | v_1 | p_1 |
| 2 | PIXEL VALUES OF POSITIONS (x2, y0) WITHIN SEARCH WINDOW | v_2 | p_2 |
| | | | |
| i | PIXEL VALUES OF POSITIONS (xi, yi) WITHIN SEARCH WINDOW OBTAINED WHEN FILTERING OPERATION f1 IS APPLIED TO AREA OF SEARCH WINDOW | v_i | p_i |
| | | | |
| j | DIFFERENCES BETWEEN PIXEL VALUES OF POSITIONS (xi, yi) WITHIN SEARCH WINDOW AND PIXEL VALUES OF POSITIONS (xj+1, yj+1) WITHIN THE SAME | v_j | p_j |
| | | | |